

Date: Thursday, 4/12/2007 8:22:34 AM  
 By: Kim Johnston

# Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: SUPPORT
Job Number	: 31661A		
Estimate Number	: 10452	Part Number	: D32781
P.O. Number	: N/A	Drawing Number	: D3278 REV. B
This Issue	: 4/12/2007 S.O. No. : N/A	Project Number	: N/A
Prsht Rev.	: NC	Drawing Revision	: B
First Issue	: N/A Type : SMALL /MED FAB	Material	: N/A
Previous Run	: 30563A	Due Date	: 4/22/2007 Qty: 40 Um: Each
Written By	:		
Checked & Approved By	: <u>07.04.12</u>		
Comment	: Est:A 04.04.12 New issue KJ/JLM		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M6061T6B1000X02000	6061-T6 Bar 1.0" x 2.0"
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Comment: Qty.: 0.2454 f(s)/Unit Total : 9.8154 f(s)

Material: 6061-T6/T651 (QQ-A-200/8) 1.00" thick

(M6061T6B1.000x02.000)

Batch: M19295

*mk*

2.0	SHEAR <u>BLVD SLW</u>	SHEAR
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Comment: SHEAR

Cut blank: 2.00" x 1.00" x 2.550" long

*mk*

3.0	HAAS1	HAAS CNC VERTICAL MACHINING #1
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Comment: HAAS CNC VERTICAL MACHINING #1

1- Machine as per Folio FA405 and Dwg D3278

2- Deburr and Tumble

Identify as D3278-1

J.F. 07/04/22

(40)

4.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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Comment: INSPECT PARTS AS THEY COME OFF MACHINE

J.F. 07/04/22

(40)

5.0	QC8	SECOND CHECK
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Comment: SECOND CHECK

Er 07/04/23 (40)

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: 12 Date: 07/04/27  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 4/12/2007 8:22:34 AM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SUPPORT

Job Number: 31661A

Part Number: D32781

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



40x

Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

M-L

07/04/24

7.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

SL M1103706

0704-2d 40

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



40x

Comment: INSPECT POWDER COAT

M-L

07/04/25

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: \_\_\_\_\_

7/4/26 50 (40)

10.0

QC21

FINAL INSPECTION/W/O RELEASE



(40)

Comment: FINAL INSPECTION/W/O RELEASE

07/04/27

Job Completion



u 07.04.27

# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

<b>DART AEROSPACE LTD</b>		<b>Work Order:</b> 31061A
<b>Description:</b> Support		<b>Part Number:</b> D3278-1
<b>Inspection Dwg:</b> D3278 <b>Rev:</b> B		<b>Page 1 of 1</b>

### FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article      ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.098	+0.005/-0.000	.099	✓			
0.359	+/-0.005	.359	✓			
<del>1.001</del> 0.615	+/-0.010	.615	✓			
0.250	+/-0.010	.250	✓			
1.480	+/-0.005	1.480	✓			Same as w/o 31735
R0.125	+/-0.010	.125	✓			
0.119	+0.005/-0.004	.120	✓			
2.439	+/-0.010	2.438	✓			
1.980	+/-0.010	1.981	✓			
R0.130	+/-0.010	.130	✓			
Ø0.257	+0.005/-0.000	.259	✓			J.F. ///
R0.375	+/-0.010	.375	✓			
0.875	+/-0.010	.875	✓			
0.500	+/-0.010	.500	✓			
R0.400	+/-0.010	.400	✓			
1.720	+/-0.010	1.721	✓			
R0.125	+/-0.010	.125	✓			
0.125	+/-0.010	.127	✓			

<b>Measured by:</b> J.L.	<b>Audited by:</b> amf	<b>Prototype Approval:</b>	N/A
<b>Date:</b> 07/04/19	<b>Date:</b> 07/04/19	<b>Date:</b>	N/A

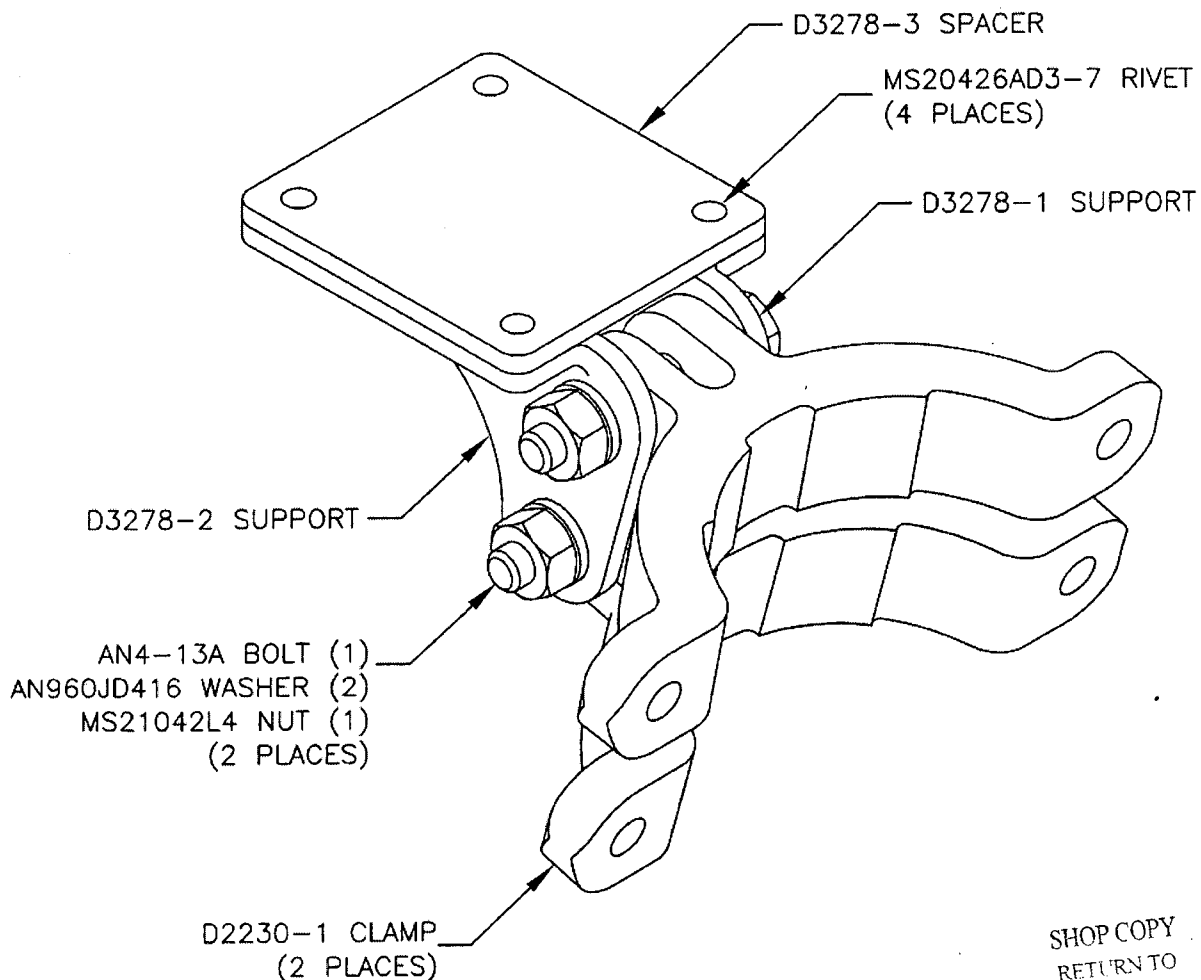
Rev	Date	Change	Revised by	Approved
A	04.04.19	New Issue P/O D3278-041	KJ/JLM	
B	05.06.08	0.359 was 0.365; 0.119 was 0.125	KJ/JLM	



DESIGN	CP	DRAWN BY	CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	APPROVED	<i>[Signature]</i>	DRAWING NO. D3278	REV. B SHEET 1 OF 3
DATE	05.03.31			TITLE SUPPORT ASSEMBLY	SCALE NTS
A	04.03.03			NEW ISSUE	
B	05.03.31			CHANGE DIM/TOL TO ENSURE FIT	

RELEASED  
05.04.04 *[Signature]*

## D3278-041 SUPPORT ASSEMBLY



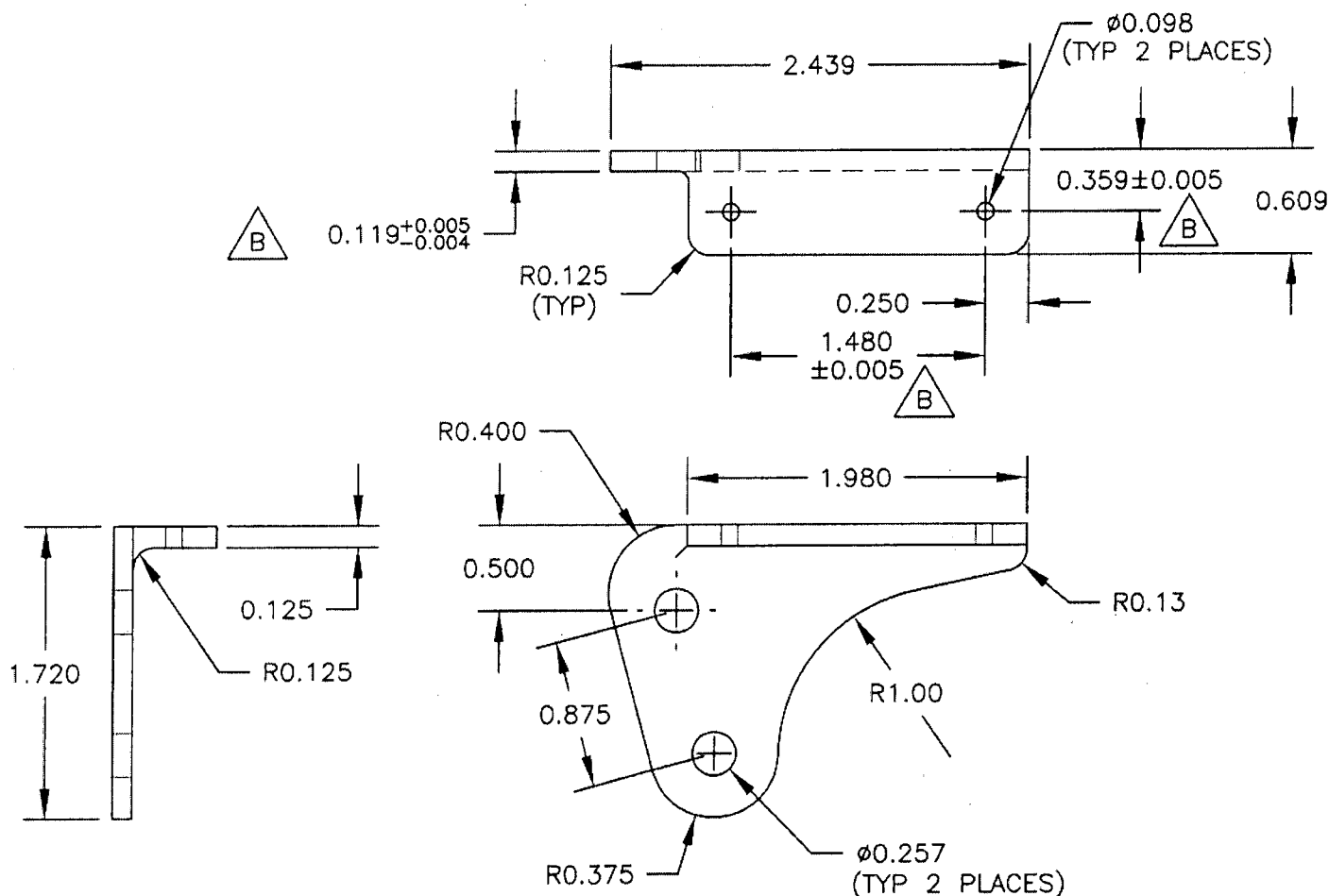
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DATE 05.03.31	TITLE SUPPORT ASSEMBLY		SCALE 1:1

**RELEASED**05.04.04 *[Signature]*

D3278-1 SUPPORT (SHOWN)

D3278-2 SUPPORT (OPPOSITE)

- 1) MACHINE PER DWG FILE "D3278-1.SLDPRT"
- 2) MATERIAL: 6061-T6/T651 (QQ-A-200/8 OR QQ-A-250/8 OR QQ-A-250/11)  
(REF DART SPEC. M6061T6B OR M6061T6S)
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 5) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 6) ALL DIMENSIONS ARE IN INCHES

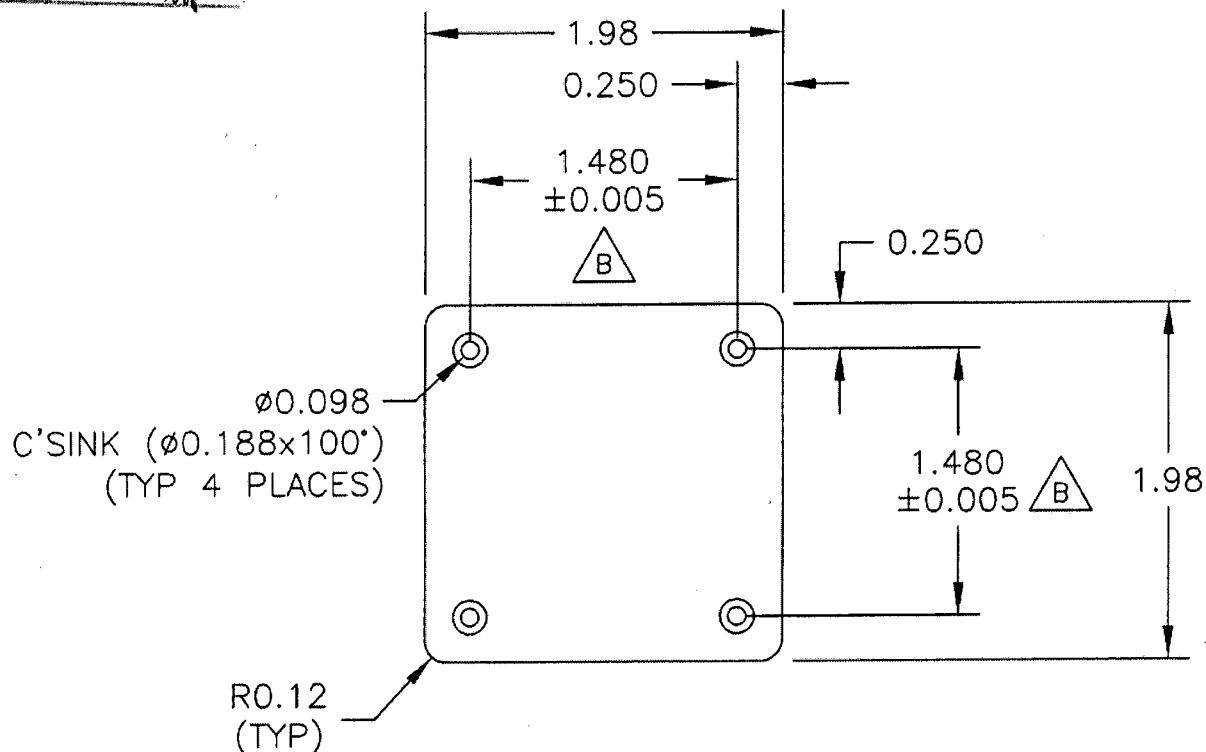
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DATE 05.03.31		TITLE SUPPORT ASSEMBLY	SCALE 1:1

**RELEASED**05.04.04 *[Signature]***D3278-3 SPACER**

- 1) MATERIAL: BLACK DELRIN / UHMW PER DART SPEC M-DELRIN-B OR M-DELRIN-S  
0.125 THICK
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 4) ALL DIMENSIONS ARE IN INCHES.

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